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IRTHLINGBOROUGH
URBAN DISTRICT



ANNUAL REPORT

of the
Medical Officer of Health
for the
Year 1972



F. R. N. LYNCH, M.B., B.Ch., B.A.O., M.F.C.M., D.P.H.
Together with the Report of
H. A. LETT, M.R.S.H., M.A.P.H.I.



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H. A. LETT, M.R.S.H., M.A.P.H.I

Irthlingborough Urban District Council.

Chairman of the Council:

COUNCILLOR H. K. WOOLSEY

Members of the Public Health Committee:

COUNCILLOR P. P. HOUGHTON (Chairman)

Councillors:

R. B. BLAND

MRS. P. M. MITFORD-BARBERTON, M.A.

E. B. BAILEY

D. C. LEE

B. BRIGHTWELL

Clerk of the Council:

O. C. PALMER

PUBLIC HEALTH OFFICERS OF THE LOCAL AUTHORITY:

Medical Officer of Health:

F. R. N. LYNCH, M.B., B.ch., B.A.O., M.F.C.M., D.P.H.

(Medical Officer of Health Northamptonshire Health Division No. 2
and Kettering M.B.)

Secretary:

MISS M. W. LANGLEY

Surveyor and Public Health Inspector:

H. A. LETT, M.R.S.H., M.A.P.H.I.

Certified Meat and Food Inspector

CONTENTS

	<i>Page</i>
Introductory Letter 	4
SECTION A	
Statistics and Social Conditions of the Area ...	6
SECTION B	
General Provision of Health Services in the Area	13
SECTION C	
Sanitary Circumstances of the Area 	16
SECTION D	
Public Health and Housing Acts 	19
SECTION E	
Inspection and Supervision of Food 	20
SECTION F	
Prevalence of, and Control over, Infectious Diseases	22
Administration of Factories Act 	27

Telephone: Kettering 2473

Area Health Office,
Church Walk,
KETTERING.

October, 1973.

**To the Chairman and Members of the
Urban District Council of Irthlingborough.**

Mr. Chairman, Ladies and Gentlemen,

In accordance with my statutory duty as your Medical Officer of Health, I have the honour to present my Annual Report on the Environmental Health of the Urban District for the year 1972.

This report has been compiled on the instructions set out in the Department of Health and Social Security Circular No. 1/73 which was received on January 5th, 1973.

The Vital Statistics for the District are given on page 6, and are satisfactory. The members will see that no Infant Deaths have been recorded and there are no deaths classed to Pregnancy and Childbirth. In addition, no Stillbirths have been recorded since 1967.

In the same way, the amount of Infectious Disease notified is very low; that which occurred is described on page 22.

On May 26th, information was received that foreign necklaces had been imported, mainly from Africa, the beads of which contained a toxic poison, i.e. Abrin.

A check was accordingly made on Fancy-goods and Toy Shops and Head Teachers were apprised of the situation. Thirty strings of these beads were found in various places throughout Northamptonshire Health Division No. 2 and arrangements were made for their destruction by incineration.

An outbreak of Smallpox occurred in Yugoslavia in March and a circular letter was sent to each General Practitioner in the area advising vaccination against Smallpox for persons travelling to Yugoslavia.

Also in March, I was informed that instances of illegal dumping of Cyanide Waste within the County had recently come to light. This is a dangerous and illegal practice and the Public Health Inspector satisfied himself that no dumping of this kind had taken place on Council or privately owned tips in this County District.

I must once again thank the Chairman and Members of the Public Health Committee for their support during the year and Mr. Lett and Miss Langley for their part in preparing this Report.

I have the honour to be,

Your obedient Servant,

F. R. N. LYNCH,

Medical Officer of Health.

ACKNOWLEDGMENTS

The Medical Officer of Health desires to express his thanks to the following for supplying material used in the compilation of this Report:

Dr. W. J. McQuillan,
Northamptonshire County Medical Officer of Health.

Kettering and District Hospital Management Committee.

Clerk of the Council.

Surveyor and  Public Health Inspector.

Manager, Department of Employment, Rushden.

Irthlingborough Care Committee.

Women's Royal Voluntary Service.

SECTION A.

SUMMARY OF VITAL STATISTICS

Comparative Statistics for the Five Year Period 1968 to 1972

		1968	1969	1970	1971	1972
Area of the Urban District (acres)	...	2,910	2,910	2,910	2,910	2,910
Population						
(Registrar General's Estimate)	...	5,310	5,240	5,230	5,190	5,140
Number of Live Births	...	107	82	85	86	74
Legitimate	... ..	100	74	76	80	67
Illegitimate	... ..	7	8	9	6	7
Birth rate per 1,000 population	...	20.2	15.6	16.3	16.6	14.4
Number of Stillbirths	... ..	—	—	—	—	—
Legitimate	... ..	—	—	—	—	—
Illegitimate	... ..	—	—	—	—	—
Stillbirth rate per 1,000 total births	...	—	—	—	—	—
Stillbirth rate per 1,000 population		—	—	—	—	—
Number of Deaths	... ..	63	53	66	55	71
Death rate per 1,000 population	...	11.9	10.1	12.6	10.6	13.8
Deaths from Pregnancy, Childbirth, and Abortion	... ..	—	—	—	—	—
Number of Infant Deaths	... ..	2	—	1	2	—
Infant Mortality rate per 1,000						
Live Births	... ..	18.7	—	11.7	23.2	—
Neonatal Mortality rate per 1,000						
Live Births	... ..	9.4	—	—	23.2	—
Early Neonatal Mortality Rate per 1,000 Live Births	... ..	9.4	—	—	23.2	—
Perinatal Mortality rate (Stillbirths and deaths under one week combined per 1,000 total Live and Stillbirths)	... ..	9.4	—	—	23.2	—
Deaths from all forms of Tuberculosis including late effects		—	1	—	—	—
Deaths from Respiratory Tuberculosis		—	—	—	—	—
Deaths from Malignant Neoplasms	...	12	13	6	11	24
Deaths from Measles (all ages)	...	—	—	—	—	—
Deaths from Whooping Cough (all ages)	... ..	—	—	—	—	—
Deaths from Enteritis and Diarrhoea under two years of age	... ..	—	—	—	—	—
Deaths from Acute Poliomyelitis and Polioencephalitis	... ..	—	—	—	—	—
Natural increase in population, i.e., increase of Births over Deaths	...	44	29	19	31	3

Statistics and Social Conditions of the Area

Area (acres)	...	...	...	...	...	...	...	2,910
Census Population 1951	...	...	...	...	...	...	...	5,015
1961	...	...	...	...	...	...	...	5,125
1971	...	...	...	...	...	...	...	5,145
Population (Registrar General's Mid-year Estimate 1972)	...	...	...	...	...	...	...	5,140
Number of Inhabited Houses 1931	...	...	...	...	...	...	...	1,208
1961	...	...	...	...	...	...	...	1,840
1971	...	...	...	...	...	...	...	1,920
1972	...	...	...	...	...	...	...	1,900
Rateable Value	...	...	...	...	...	...	...	£218,717
Product of Penny Rate	...	...	...	...	...	...	...	£2,070

The chief occupations of the inhabitants are as follows: Boot and shoe manufacture, tanning, packing and processing dried fruits, sugar and other foodstuffs, and the manufacture of tubular steel furniture.

The density of the population is 1.7 persons per acre and the Housing Factor 2.7 persons. The rate of unemployment in the area was 0.76% of the working population compared with the national percentage of 3.5.

EXTRACTS FROM VITAL STATISTICS, 1972

Males Females Total

Live Births

Legitimate	...	...	...	...	...	37	30	67
Illegitimate	...	...	...	...	...	2	5	7
<i>Totals</i>	...	...	...	...	...	39	35	74

Crude Birth Rate per 1,000 estimated population 14.4

Adjusted Birth Rate (comparability factor 1.04) 15.0

Stillbirths

Legitimate	...	...	...	...	...	—	—	—
Illegitimate	...	...	...	...	...	—	—	—
<i>Totals</i>	...	...	...	...	...	—	—	—

Rate per 1,000 total births (live and still) ... —

Deaths

Number registered all causes ... 39 32 71

Crude death rate per 1,000 estimated population 13.8

Adjusted Death Rate (comparability factor 1.00) 13.8

Deaths from certain specified causes

Cardio-vascular Disease (all forms)	...	...	15	15	30
Malignant Neoplasms (all forms)	...	...	15	9	24
Cerebrovascular Accident	...	...	4	6	10
Diseases of Respiratory System	...	...	3	2	5

Deaths from Maternal causes ... —

Maternal Mortality Rate per 1,000 live and stillbirths —

Deaths of Infants (under 1 year) ... —

Infant Mortality Rate per 1,000 live births —

Legitimate infants per 1,000 legitimate live births ... —

Illegitimate infants per 1,000 illegitimate live births ... —

Deaths of Infants (under 4 weeks) ... —

Neonatal Mortality Rate per 1,000 live births ... —

Perinatal Mortality Rate per 1,000 live and stillbirths (stillbirths and deaths of infants under 1 week combined) ... —

CLASSIFICATION OF CAUSES OF DEATH AT DIFFERENT PERIODS OF LIFE, 1972

List No	Cause of Death	Sex	Total Deaths				Age in Years							5+ and over
			1st	2nd	3rd	4th	1-4	5-14	15-24	25-34	35-44	45-54		
			Age 1-4	Age 5-14	Age 15-24	Age 25-34	Age 35-44	Age 45-54	Age 55-64	Age 65-74	Age 75+			
B19 1	Malignant neoplasm of oral cavity etc. ...	M	1										1	
		F												
B19 2	Malignant neoplasm of Oesophagus ...	M	1										1	
		F												
B19 3	Malignant neoplasm of stomach ...	M	1											1
		F	1										1	
B19 4	Malignant neoplasm of intestine ...	M												
		F	2										1	1
B19 6	Malignant neoplasm of lung, bronchus...	M	1							1			2	1
		F	1											1
B19 7	Malignant neoplasm of Breast ...	M												
		F	3						1			1		1
B19 9	Malignant neoplasm of prostate ...	M	2									2		
		F												
B19 11	Other malignant neoplasms	M	3										2	1
		F	2									1	1	
B21	Diabetes mellitus ...	M	1								1			
		F												
B27	Hypertensive disease ...	M	2									2		
		F	2									1	1	
B28	Ischaemic heart disease ...	M	11								1	3	2	5
		F	7									1		6
B29	Other forms of heart disease...	M	1											1
		F	2											2
B30	Cerebrovascular disease ...	M	1									2	1	1
		F	6										2	1
B16/6	Other diseases of circulatory system ...	M	1											1
		F	1									1		3
B32	Pneumonia ...	M	2										2	
		F												
B33/1	Bronchitis and Emphysema	M	1											1
		F	2											2
BE48	All other accidents ...	M	1								1			
		F												
TOTAL ALL CAUSES		M	39								1	9	11	15
		F	32							1		5	6	20

COMMENTS ON VITAL STATISTICS

1. Population The Registrar General's mid-year estimate of population, i.e., 30th June, 1972, is 5,140. The corresponding figure for 1971 was 5,190 giving a decrease in population of 50 in the 12 months.

2. Births—There were 74 live births in 1972, which is a decrease of 12 in the number registered for the previous year. This gives a Crude Birth Rate of 14.4 per 1,000 population. The corresponding figure for 1971 was 16.6.

It will be apparent that the Birth Rate and Death Rate in any place is influenced by the age and sex distribution of the population so that in order that more exact comparisons can be made between one area and another the actual Rate is multiplied by a number called the Comparability Factor, the result being known as the Adjusted, or Corrected Rate. These Comparability Factors are supplied by the Registrar General and are based on the age and sex distribution as shown by the Census. For Irthlingborough the Birth Rate Comparability Factor is 1.04 and the Corrected Birth Rate standardised on the basis of age and sex composition therefore gives an Adjusted Rate of 15.0. The Adjusted Birth Rate of 15.0 compares with 17.1 for 1971 and the Provisional Crude Rate for England and Wales of 14.8.

3. Deaths—There were 71 deaths from all causes in 1972. The figure for last year was 55 and the corresponding Crude Death rates are 13.8 and 10.6. In this instance the Comparability Factor for Irthlingborough, supplied by the Registrar General, is unity for 1972. The Standardised Death Rate is, therefore, represented by the same figure as the Crude Rate. The Crude Rate for England and Wales as a whole is reckoned by the Registrar General to be 12.1.

4. Disposal of the Dead—Of the 71 deaths during the year, 48 bodies were disposed of by cremation at Kettering Crematorium, giving a percentage of 67.6.

5. Infant Mortality – There were no infant deaths registered in 1972. The Infant and Neonatal Mortality Rates for England and Wales are 17.0 and 12.0 respectively.

6. Stillbirths – For the fifth year running, there were no Stillbirths. The current rate for England and Wales is 12.0.

7. Maternal Mortality– There were again no deaths classed to pregnancy or childbirth.

VITAL STATISTICS FOR 1972 AND PREVIOUS YEARS.

Year	Estimated Population	Births		Deaths			
				Under 1 year		All Ages	
		No.	Rate	No.	Rate	No.	Rate
1891	2,998	—	—	—	—	—	—
1901	4,340	—	—	—	—	—	—
1902	4,526	158	34.9	21	132.9	60	13.2
1910	4,800	120	25.0	6	50.0	49	10.2
1911	4,630	121	26.7	17	137.0	56	12.0
1912	4,650	89	19.1	16	112.3	55	11.8
1913	4,675	108	23.1	5	16.2	39	8.3
1914	4,725	92	19.4	8	86.9	52	11.0
1915	4,790	95	20.1	15	157.8	60	12.5
1916	4,665	98	19.3	3	30.6	42	8.7
1917	4,115	56	11.2	6	107.1	50	11.2
1918	4,667	65	12.4	9	138.1	61	13.0
1919	5,011	73	13.9	6	82.1	50	9.9
1920	5,211	109	20.9	4	36.6	49	7.8
1921	4,911	90	18.3	6	66.6	17	9.5
1922	4,970	88	17.7	4	45.4	44	8.8
1923	4,956	69	13.9	6	86.9	50	10.0
1924	5,001	75	14.9	2	26.6	46	9.1
1925	4,916	77	15.5	5	61.9	57	11.5
1926	4,983	68	13.6	3	41.1	42	8.4
1927	4,934	79	16.0	3	37.8	57	11.5
1928	4,906	77	15.6	4	51.9	49	9.9
1929	4,934	74	14.9	4	54.0	55	11.1
1930	4,839	57	11.7	3	52.5	68	14.5
1931	4,715	61	13.5	4	62.8	50	10.6
1932	4,696	52	11.0	2	38.4	48	10.2
1933	4,679	63	13.4	1	15.8	61	13.0
1934	4,610	52	11.2	4	76.9	57	12.2
1935	4,547	55	12.0	3	56.3	46	10.1
1936	4,485	56	12.4	5	89.4	49	10.9
1937	4,481	67	14.9	2	29.8	51	12.0
1938	4,500	58	12.8	3	51.7	55	12.2
1939	† 4,542						
	† 4,663	70	15.4	3	42.8	49	10.5
1940	5,027	57	11.3	4	70.2	55	10.9
1941	5,237	69	13.2	6	86.9	61	11.6
1942	4,749	90	18.9	2	22.2	55	11.5
1943	4,535	86	14.8	2	23.2	60	13.2
1944	4,568	72	15.8	2	27.8	62	13.6
1945	4,427	74	16.7	4	54.1	59	13.3
1946	4,700	79	16.8	2	25.3	51	10.9
1947	4,812	85	17.6	2	23.5	59	12.3
1948	4,697	102	21.7	Nil.	—	55	11.7
1949	4,967	83	16.7	4	48.2	75	15.1
1950	4,969	83	16.7	1	12.0	47	9.6
1951	5,039	81	16.1	2	21.7	62	12.3
1952	4,996	74	14.8	Nil.	—	58	11.6
1953	5,090	79	15.5	1	12.6	47	9.2
1954	5,110	73	14.3	1	13.7	48	9.4
1955	5,100	76	14.9	Nil.	—	53	10.4
1956	5,100	67	13.1	3	41.8	71	13.9
1957	5,080	60	11.8	2	33.3	55	10.8
1958	5,140	73	14.2	2	27.1	48	9.3
1959	5,160	65	12.6	1	15.1	57	11.0
1960	5,210	65	12.5	4	61.5	61	11.7
1961	5,170	66	12.8	1	15.2	61	11.8
1962	5,210	75	14.4	1	13.3	62	11.9
1963	5,200	91	17.5	1	10.9	54	10.3
1964	5,160	85	16.5	—	—	41	7.9
1965	5,180	76	14.7	—	—	49	9.5
1966	5,230	103	19.7	1	9.7	63	12.1
1967	5,290	120	22.7	1	8.0	70	13.2
1968	5,310	107	20.2	2	18.7	63	11.9
1969	5,240	82	15.6	—	—	53	10.1
1970	5,230	85	16.3	1	11.7	66	12.6
1971	5,190	86	16.6	2	23.2	55	10.6
1972	5,140	71	14.4			71	13.8

‡ Population for calculation of Birth-rate.

† Population for calculation of Death-rate.

SECTION B.

GENERAL PROVISION OF HEALTH SERVICES

In subsequent sections, full details will be found relating to infectious diseases and environmental health within the Urban District, for which the Council is directly responsible.

The present section relates to those health services which concern more the personal health and welfare of the individual rather than public health and the community. The Health Committee of the Northamptonshire County Council is responsible for administration of some of these services under Part III of the National Health Service Act.

Liaison between the County Council services and District Council services is facilitated by the fact that your Medical Officer of Health is also a School Medical Officer and Assistant County Medical Officer.

Laboratory Facilities—The Department of Pathology at Kettering and District General Hospital is available for the examination of specimens in connection with the diagnosis and control of infectious diseases. Five faeces specimens were examined during the year.

Ambulance Service—This is one of the services for which the County Council is responsible, and the area is adequately covered.

Domiciliary Services—These include District Nurses, Midwives and Health Visitors, who are all highly trained, qualified nurses on the staff of the County Medical Officer. The Home Help Service, also provided by the County Council, is proving more and more valuable in relieving people of domestic worries during periods of illness or confinement, and in helping old folk to remain in their own homes, so that they can retain their treasured independence.

Hospital Accommodation, Out-patient facilities and clinics—

The Oxford Regional Hospital Board is responsible for the following services:

GENERAL HOSPITALS

Kettering and Northampton

KETTERING GENERAL HOSPITAL

General Medicine, General Surgery, Gynaecology, Orthopaedic Surgery, Ear, Nose and Throat, Ophthalmology, Paediatrics and Physical Medicine

ROCKINGHAM ROAD HOSPITAL, KETTERING

Acute

ST. MARY'S HOSPITAL, KETTERING

Obstetrics, Special Care Babies, Geriatrics and Long Stay

ISEBROOK HOSPITAL, WELLINGBOROUGH

General Medicine, Maternity, Paediatrics, Geriatrics and Long Stay

WELLINGBOROUGH HOSPITAL

Gynaecology

RUSHDEN HOSPITAL

Dermatology, Chest Diseases, Mental Sub-normality (Children)

Out-patient facilities are available at the two General Hospitals and also at Isebrook Hospital, Wellingborough and Rushden Memorial Clinic.

Venereal Disease Clinics

Kettering General Hospital, Out-patient Department:

(Women) Tuesday 4.00 p.m.-5.30 p.m.

(Men) Tuesday 5.30 p.m.-7.00 p.m.

Northampton General Hospital, Old Out-patient Department:

(Women) Monday 5.15 p.m.-6.30 p.m.

Friday 2.15 p.m.-3.30 p.m.

(Men) Wednesday 2.00 p.m.-3.00 p.m.

Friday 5.00 p.m.-6.30 p.m.

NORTHAMPTONSHIRE COUNTY COUNCIL—Health Centre, High St.

Well Baby Clinics By appointment.

Family Planning Clinic Health Clinic Rectory Road, Rushden on third Wednesday of each month at 5.30 p.m.

Relaxation Classes for Expectant Mothers Thursday, 3 p.m.

Immunisation and Vaccination—Immunisation against Diphtheria, Whooping Cough, Tetanus and Poliomyelitis and vaccination against Smallpox are free services, available either from the family doctor or at the County Health Clinics. Certain age groups of children can also be given B.C.G. vaccination to protect against Tuberculosis. This is done through the School Health Service.

A vaccine for the protection of infants against Measles is available and, in accordance with the policy of the County Health Department, a campaign for the control of and, it is hoped, ultimate eradication of this disease, was commenced in the Autumn of 1968.

National Assistance Act, 1948 and National Assistance (Amendment) Act, 1951 Section 47 of the National Assistance Acts empowers the Council to require compulsory admission to hospital or Welfare Accommodation. No formal action was taken under this Section during the year but two cases were in fact seen at the request of the Clerk and were resolved without invoking the powers conferred by the Act.

Meals on Wheels Service--The "Meals on Wheels" Service is administered by the W.R.V.S. The meals are served three times a week, approximately 87 meals each week. During 1972 a total of 2,659 meals were delivered.

Thirteen meals are also served once a week to the Irthlingborough Day Club which opened on 9th October, 1972.

Irthlingborough Care Committee--During the year the work of this small Committee has included visits to patients in Rushden and other hospitals in the area. Gifts were usually taken, especially to those in Rushden Hospital.

Patients on the Committee's List are also visited in their own homes. Milk and eggs are given daily to Tuberculous patients and when required a Goods Voucher is given. Financial help is also given in the form of assistance towards transport, holidays etc. Other patients receive vouchers from time to time and all receive a parcel of groceries at Christmas.

The public financially supported the Committee in a very generous way.

SECTION C.

SANITARY CIRCUMSTANCES OF THE AREA

Water Supply—Since the 1st April, 1965 the Urban District has received its water supply from the Mid-Northamptonshire Water Board and the chief sources of supply for this Board are from reservoirs situated at Pitsford assisted by Cransley, Thorpe Malsor, Ravensthorpe and Hollowell. Pitsford is situated about 12 miles west of Irthlingborough in a valley on a tributary of the Brampton branch of the River Nene. The gathering grounds cover about nineteen square miles and are mostly agricultural land with a certain amount of ironstone quarrying. When full this reservoir will hold about 4,000 million gallons. Pitsford is now supplemented by Grafham Water reservoir. Treatment consists of the raw water flowing to a pumping station below the dam from where it is pumped to the treatment works. These works consist of a chemical block, reaction tanks, filters, filtered water tank and pumping station. The water is first softened and then passed through open rapid gravity filters and then to the filtered water tank for sterilisation by chlorine. Water thus treated is pumped to three trunk mains for distribution.

Fluoride content of the water—The water supply contains 0.3 parts of naturally occurring Fluorine per million parts of water.

Water Samples—67 samples were taken during the period to the 31st March, 1973, and the results were as follows:

<i>No. of samples</i>	<i>Very satisfactory</i>	<i>Satis- factory</i>	<i>Suspicious</i>	<i>Unsatis- factory</i>
67	65	—	—	2*

*Subsequent samples very satisfactory.

Piped Water Supply—All houses have a piped water supply with the exception of three houses in outlying districts.

Drainage, Sewerage and Sewage Disposal - Sewage Works—The total quantity of crude sewage dealt with at these works during the year was 100,179,000 gallons which gives a daily average of 274,298 gallons.

An analysis of final effluent from these works taken on the 13th April 1972, gave the following results:

ANALYTICAL RESULTS							
Appearance of Liquid		...	...	...	...	Almost clear, very light yellow brown	
Appearance of Solids		...	...	...	...	Small flocculent pale	
Odour ...	...	...	...	...	...	Very slightly earthy	
pH Value	...	...	...	...	...	7.65	
<i>Milligrams per litre</i>							
Suspended Solids dried at 105 °C			...	...	...	...	22
Suspended Solids ashed at 600 °C			...	...	...	...	8
Chlorides as Chlorine		...	...	...	...	...	603
Alkalinity as Calcium Carbonate		...	...	...	...	...	185
Free and Saline Ammonia as Nitrogen			...	...	...	...	15.5
Albuminoid Ammonia as Nitrogen			...	...	...	...	—
Nitrites as Nitrogen ...		...	...	...	...	...	0.42
Nitrates as Nitrogen		...	...	...	...	...	17.4
Permanganate Value (4 hours)			...	...	...	...	15.6
Biochemical Oxygen Demand in 5 days at 20 °C						...	9.8
Dissolved Oxygen		...	...	...	...	...	—
Temperature		...	...	...	...	...	—
% Saturated with D.O.		...	...	...	...	...	—
Ortho Phosphate as PO ₄		...	...	...	...	...	4.3
Chromium	...	...	...	...	...	...	0.66
Copper	...	...	...	...	...	...	0.03
Lead ...	...	...	...	...	...	...	nil
Zinc	...	...	...	...	...	...	0.07

REMARKS
Satisfactory.

Total quantities of crude sewage treated at the sewage disposal works each year.

1950	...	...	...	63,753,000	gallons
1951	...	...	...	95,186,000	gallons
1952	...	...	...	85,316,000	gallons
1953	...	...	...	77,318,000	gallons
1954	...	...	...	84,648,000	gallons
1955	...	...	...	75,170,000	gallons
1956	...	...	...	84,320,000	gallons
1957	...	...	...	98,119,000	gallons
1958	...	...	...	109,723,000	gallons
1959	...	...	...	99,898,000	gallons
1960	...	...	...	115,727,000	gallons
1961	...	...	...	96,758,000	gallons
1962	...	...	...	109,883,000	gallons
1963	...	...	...	125,228,500	gallons
1964	...	...	...	132,456,000	gallons
1965	...	...	...	123,320,000	gallons
1966	...	...	...	141,680,000	gallons
1967	...	...	...	140,306,000	gallons
1968	...	...	...	126,177,000	gallons
1969	...	...	...	136,649,000	gallons
1970	...	...	...	117,194,000	gallons
1971	...	...	...	99,932,000	gallons
1972	...	...	...	100,179,000	gallons

Public Cleansing —Refuse is collected weekly and controlled tipping is carried out at the Council's tip off Windmill Road. 451 loads were collected during the year.

Prevention of Damage by Pests Act, 1947—The following is a summary of work carried out during the year:

Sewage works	...	...	...	...	} continuous treatment
Refuse tip	...	...	...	...	

Surveys and inspections:

Private dwellings	...	...	...	}	186
Other premises	...	...	...		
Agricultural premises	...	...	...		2

Properties treated:

Private dwellings	...	...	...	}	57
Other premises	...	...	...		
Agricultural Premises	...	...	...		—

Caravan Sites and Control of Development Act, 1960—There are no licensed caravan sites in the area.

Factories Act, 1961—There are fifty factories on the register and four inspections were carried out. One notice was served. The number of outworkers on the August list was thirteen. No complaints were received concerning the carrying out of outwork (S. 133 and S. 134).

Prescribed particulars on the administration of the Factories Act, 1961 are to be found at the end of the Report.

Offices, Shops and Railway Premises Act, 1963—Forty-five premises are registered with the Council under this Act.

SECTION D.

HOUSING.

The Council's housing programme for the year was as follows:

Number of Council houses built	...	...	—
Number under construction at the end of the			
year	...	...	...

Private Development:

Number of private houses built during the year	—
Number under construction at the end of the	
year	...
	47

At the end of the year there were 136 applicants for Council houses, which shows a decrease of 74 on the figure at the end of 1971. This reduction is due to revision of applications. The number of Council houses in the district is now 689, 59 being sold during the year. The number of Council houses, including East Midland Housing Accommodation, erected since 1945 is 488.

Clearance of Unfit Properties—One property was demolished during the year. Ten properties were closed following undertakings to demolish.

Improvement Grants During the year under review 16 applications for Improvement Grants were received. These grants comprised 15 Standard Grants and 1 Discretionary Grant and all were approved.

Since Improvement Grants were commenced the number of applications received total 306 of which number 305 were approved, but eight were withdrawn or not proceeded with.

Work has been carried out and grants paid in respect of 286 dwellings. The total amount of money paid to 31/12/72 was £38,501.

SECTION E.

INSPECTION AND SUPERVISION OF FOOD

Milk—There is no large dairy or pasteurising plant in the district.

Milk Samples—11 milk samples were taken with the following results:

Methylene Blue Test, passed 10

Phosphatase Test, passed 11

The general public should assist the milk trade by ensuring that all milk bottles are returned in a clean condition and these bottles should not be used for any other purpose.

The following licences were issued during the year:

Milk (Special Designations) (Pasteurised and Sterilised Milk) Regulations, 1949, dealers' licences	7
--	---

Milk (Special Designations) (Raw Milk) Regulations 1949, licences	...	...	...	—
---	-----	-----	-----	---

Supplementary dealers' licences	...	...	—
---------------------------------	-----	-----	---

Slaughterhouses—There are no licensed slaughterhouses in the district but adjacent authorities with slaughterhouses carry out a 100 per cent inspection of all animals killed for human consumption.

Poultry Inspection—There are no poultry processing premises within the District.

Manufacture and Sale of Ice-cream—There are 24 premises registered for the sale of ice-cream. Four samples were taken during the year, all were satisfactory.

Food Hygiene (General) Regulations, 1970—There are forty-four food premises in the area, made up as follows:

General Grocers	...	...	...	18
Butchers	...	...	...	7
Fish Shops	...	...	...	2
Bakeries	...	...	...	2
Greengrocers	...	...	...	4
Cafes	...	...	...	2
Licensed Premises	...	...	...	9

No. of premises fitted to comply with Regulation 18 (provision of wash-hand basins)	...	...	44
No. of premises to which Regulation 21 applies (provision of washing facilities for food and equipment)	...	...	31
No. of premises fitted to comply with Regulation 21	...	...	28

Thirty-one visits were made during the year.

SECTION F.

PREVALENCE OF, AND CONTROL OVER INFECTIOUS DISEASES

Health Services and Public Health Act, 1968 Public Health (Infectious Diseases) Regulations Notification of Food Poisoning and Infectious Diseases

The infectious diseases to be notified to the Medical Officer of Health are:

Acute Encephalitis	Measles
Acute Meningitis	Ophthalmia Neonatorum
Acute Poliomyelitis	Paratyphoid Fever
Anthrax	Plague
Cholera	Relapsing Fever
Diphtheria	Scarlet Fever
Dysentery (Amoebic or Bacillary)	Smallpox
Food Poisoning or suspected Food Poisoning	Tetanus
Infective Jaundice	Tuberculosis
Leprosy	Typhoid Fever
Leptospirosis	Typhus
Malaria	Whooping Cough
	Yellow Fever

Responsibility for notifying a case or suspected case of Food Poisoning or Infectious Disease rests exclusively on the medical practitioner attending the patient unless he believes that another practitioner has already notified the case.

Three cases of Infectious Disease were notified to me during the year.

Measles—One case was notified in 1972 and was treated in hospital. There were seventy-one notifications last year.

Diphtheria, Whooping Cough and Tetanus—Routine immunisation of infants under one year of age with Triple Antigen continued during the year.

Immunisation is carried out either by the Family Doctor or at the County Health Department's clinics.

Whooping Cough—No cases were reported. There were three in 1971.

Poliomyelitis This is the fourth disease which is prevented by routine immunisation in infancy. This is again done either by the Family Doctor or at the Health Department's Clinics. No cases occurred.

Scarlet Fever No cases were notified, compared with two cases in the previous year.

Gastro-Intestinal Diseases There have been no cases of Gastro-Intestinal disease due to Dysenteric organisms.

Two cases of Food Poisoning were reported. One case, due to *Salmonella Typhimurium*, in a man of 27 years was notified at the end of October. Investigation showed that the infection had been contracted outside this County District. Routine screening of the rest of the family produced negative results and no secondary cases occurred.

The other was an isolated case of *Salmonella Infantis* in a three months old child believed to have been caused by faulty bottle feeding technique. The home was visited by the Health Visitor and advice given to the mother.

Leprosy—The Public Health (Leprosy) Regulations, 1966 came into force on 1st March, 1966.

Under these Regulations, cases of Leprosy are now notifiable to the District Medical Officer of Health. No notifications of Leprosy were received.

Smallpox—There were no cases.

Tuberculosis—One posthumous notification of Tuberculosis was received in 1972 in a man of 88 years. The primary cause of death being cancer of the stomach. There were no deaths classed to Tuberculosis but one patient died from other causes. The following table shows the number of known cases of Tuberculosis in the District as at 31st December, 1972:

	<i>Males</i>	<i>Females</i>	<i>Total</i>
Respiratory ...	15	8	23
Non-respiratory ...	2	2	4
Totals	17	10	27

Dangerous Necklace Beads—On May 26th, information was received that foreign necklaces had been imported, the beads of which contain an extremely toxic poison, i.e. Abrin.

A check was accordingly made on Fancy-goods and Toy Shops and Head Teachers were apprised of the situation.

The “ beads ” are really berries of the Vine, *Abrus Precatorius* which is native to Asia, Africa and Mexico. The colour of the beads is red with black spots on the surface giving a “ Ladybird ” appearance.

Thirty strings of these beads were found in various places throughout the Area of Health Division No. 2 and arrangements were made for their destruction by incineration.

NEW CASES OF AND DEATHS FROM TUBERCULOSIS, 1972

<i>Age Periods</i>	NEW CASES.				DEATHS.			
	<i>Respiratory.</i>		<i>Non-respiratory.</i>		<i>Respiratory.</i>		<i>Non-respiratory.</i>	
	<i>Male</i>	<i>Female.</i>	<i>Male.</i>	<i>Female.</i>	<i>Male.</i>	<i>Female.</i>	<i>Male.</i>	<i>Female.</i>
— 1	—	—	—	—	—	—	—	—
1 — 4	—	—	—	—	—	—	—	—
5 — 14	—	—	—	—	—	—	—	—
15 — 24	—	—	—	—	—	—	—	—
25 — 34	—	—	—	—	—	—	—	—
35 — 44	—	—	—	—	—	—	—	—
45 — 54	—	—	—	—	—	—	—	—
55 — 64	—	—	—	—	—	—	—	—
65 +	1*	—	—	—	1*	—	—	—
TOTALS	1	—	—	—	1	—	—	—

*Posthumous

MONTHLY INCIDENCE OF NOTIFIABLE DISEASES

(Other than Tuberculosis) 1972

<i>Disease</i>		January	February	March	April	May	June	July	August	September	October	November	December	Total
Measles	...	—	1	—	—	—	—	—	—	—	—	—	—	1
Food Poisoning	...	1	—	—	—	—	—	—	—	—	1	—	—	2
TOTALS	...	1	1	—	—	—	—	—	—	—	1	—	—	3

AGE INCIDENCE OF NOTIFIABLE DISEASES

(Other than Tuberculosis) 1972

<i>Disease</i>		—0—	—1—	—2—	—3—	—4—	—5—	—10—	—15—	—20—	—35—	—45—	65+	All Ages Removed to Hospital Deaths	Age Unknown		
Measles		—	—	1	—	—	—	—	—	—	—	—	—	1	1	—	—
Food Poisoning		1	—	—	—	—	—	—	—	1	—	—	—	2	1	—	—
TOTALS		1	—	1	—	—	—	—	—	1	—	—	—	3	2	—	—

Prescribed particulars on the administration of the Factories Act, 1961,
for the year, 1972

PART I OF THE ACT

1.—Inspections for purposes of provisions as to health (including inspections made by Public Health Inspectors)

<i>Premises</i>	<i>Number on Register</i>	<i>Number of</i>		
		<i>Inspections</i>	<i>Written notices</i>	<i>Occupiers prosecuted</i>
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	4	1	—	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	16	3	1	—
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises) ...	—	—	—	—
TOTAL ...	50	4	1	—

2.—Cases in which defects were found

<i>Particulars</i>	<i>Number of cases in which defects were found</i>				<i>Number of cases in which prosecutions were instituted</i>
	<i>Found</i>	<i>Remedied</i>	<i>Referred To H.M. Inspector</i>	<i>By H.M. Inspector</i>	
Sanitary Conveniences (S.7) :					
Want of cleanliness (S.I.) ...	—	—	—	—	—
(a) Insufficient	—	—	—	—	—
(b) Unsuitable or defective ...	1	1	—	1	—
(c) Not separate for sexes ...	—	—	—	—	—
Other offences against the Act (not including offences relating to outwork)	—	—	—	—	—
TOTAL	1	1	—	1	—

PART VIII OF THE ACT

Outwork (Sections 133 and 134)

<i>Nature of Work</i>	<i>Section 133</i>			<i>Section 134</i>		
	<i>No. of out-workers in August list required by Sect. 133 (1) (c)</i>	<i>No. of cases of default in sending lists to the Council</i>	<i>No. of prosecutions for failure to supply lists</i>	<i>No. of instances of work in unwholesome premises</i>	<i>Notices served</i>	<i>Prosecutions</i>
Wearing Apparel—						
Making, etc. ...	13	—	—	—	—	—
Cleaning and washing ...	—	—	—	—	—	—
Stuffed Toys ...	—	—	—	—	—	—
TOTAL ...	13	—	—	—	—	—

